

ABSTRACT OF THE DISCLOSURE

A method and system are provided for file system backup using multiple backup devices in parallel. The system stores files across the backup devices, by first copying small files of sizes below a calculated threshold size, and then splitting into segments those files that are larger than the calculated threshold size. For each file segment, the system affixes a unique segment header. At restore time, a restore program starts the restore from the first file segment and follows to the next file segment according to information specified in the file segment header.